L Number	Hits	Search Text	DB	Time stamp
1	0	PINKERT.in. and albumin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:04
2	0	PINKERT.in. and enhancer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:33
3	393	(liver adj specific) and vector	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:34
4	7	(liver adj specific adj promoter)and (liver adj specific adj enhancer) and vector	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:34
5	60	liver adj specific adj expression	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:35
6	2	(liver adj specific adj expression) and ((liver adj specific adj promoter)and (liver adj specific adj enhancer) and vector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:53
7	1	thyroid adj binding adj globulin adj promoter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:54
8	2	microglobulin/bikunin adj enhancer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:55
9	2	(thyroxin adj binding adj globulin)near5 liver	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:58
10	0	(thyroxin adj binding adj globulin)near10 (liver adj specific)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:58

L3 ANSWER 5 OF 5 BIOTECHDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1990-12987 BIOTECHDS
TI Retro viral-mediated gene transfer to murine hepatocytes: **vectors** with incorporated **liver-specific enhancer** and promoter elements;
alpha-fetoprotein and albumin promoter and enhancer sequences; retro virus **vector**; gene cloning and **expression** in mouse hepatoma and fibroblast cell culture (conference abstract)
AU Wolf D A; Papaconstantinou J
LO Department of Human Biological Chemistry and Genetics, University of Texas Medical Branch, Galveston, TX 77550, USA.
SO J.Cell.Biochem.; (1990) Suppl.14A, D432
CODEN: JCEBD5
DT Journal
LA English
AB The mouse alpha-fetoprotein (AFP) gene is expressed only in fetal liver, and to a lesser extent in yolk sac and embryonic gut, while the albumin gene is expressed in fetal and adult liver. The liver specificity of the albumin gene is conferred by its promoter region. The AFP gene contains a **liver-specific promoter** and 3 distal enhancers within the first 7 kb upstream. A series of retro virus **vectors** was constructed, with lacZ (beta-galactosidase, EC-3.2.1.23) reporter gene transcription directed by a mouse albumin promoter. Virus enhancer sequences in the U3 region of the downstream long terminal repeat (LTR) were replaced with fragments of AFP enhancer sequence. These sequences were duplicated to the upstream LTR during reverse transcription in target cells. Internal sequences conferring G418-resistance allowed selection of stable producer cells, and enabled the virus to be titered by correlating the amount of viral RNA in the medium to the number of G418-resistant colonies produced by virus with wild-type LTRs. Psi-CRE was used as packaging cell culture, and mouse hepatoma BWTG3 and fibroblast NIH3T3 cell culture were compared as target cells. (0 ref)
TI Retro viral-mediated gene transfer to murine hepatocytes: **vectors** with incorporated **liver-specific enhancer** and promoter elements;
alpha-fetoprotein and albumin promoter and enhancer sequences; retro virus **vector**; gene cloning and **expression** in mouse hepatoma and fibroblast cell culture (conference abstract)
AB. . . adult liver. The liver specificity of the albumin gene is conferred by its promoter region. The AFP gene contains a **liver-specific promoter** and 3 distal enhancers within the first 7 kb upstream. A series of retro virus **vectors** was constructed, with lacZ (beta-galactosidase, EC-3.2.1.23) reporter gene transcription directed by a mouse albumin promoter. Virus enhancer sequences in the. . .
CT MOUSE ALPHA-FETOPROTEIN, ALBUMIN GENE PROMOTER, ENHANCER, RETRO VIRUS **VECTOR** APPL. IN LIVER TISSUE-SPECIFIC GENE **EXPRESSION**, BETA-GALACTOSIDASE REPORTER GENE CLONING IN MOUSE HEPATOMA BWTG3, FIBROBLAST NIH3T3 CELL CULTURE MAMMAL PROTEIN ENZYME EC-3.2.1.23 TUMOR

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     (FILE 'HOME' ENTERED AT 16:23:39 ON 20 SEP 2001)

     INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
     BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO,
CABA,
     CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,
     DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 16:23:51 ON
     20 SEP 2001
               SEA (LIVER SPECIFIC PROMOTER) AND (LIVER SPECIFIC ENHANCER)
AND
               ---------
               0*  FILE ADISNEWS
               2   FILE BIOTECHABS
               2   FILE BIOTECHDS
               1   FILE CAPLUS
               1   FILE TOXLIT
               1   FILE USPATFULL
               1   FILE WPIDS
               1   FILE WPINDEX
L1             QUE (LIVER SPECIFIC PROMOTER) AND (LIVER SPECIFIC ENHANCER)
AND
               ---------

     FILE 'BIOTECHDS, CAPLUS, TOXLIT, USPATFULL, WPIDS' ENTERED AT 16:26:54
ON
     20 SEP 2001
L2           6 S (LIVER SPECIFIC PROMOTER) AND (LIVER SPECIFIC ENHANCER) AND
E
L3           5 DUP REM L2 (1 DUPLICATE REMOVED)

     FILE 'STNGUIDE' ENTERED AT 16:34:25 ON 20 SEP 2001

     INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
     BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO,
CABA,
     CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,
     DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 16:39:38 ON
     20 SEP 2001
               SEA LIVER SPECIFIC EXPRESSION
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               0*  FILE ADISNEWS
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               3   FILE BIOBUSINESS
               1   FILE BIOCOMMERCE
             158   FILE BIOSIS
               0*  FILE BIOTECHABS
               8   FILE BIOTECHDS
             114   FILE BIOTECHNO
              30   FILE CABA
              58   FILE CANCERLIT
             212   FILE CAPLUS
               2   FILE CONFSCI
             229   FILE DGENE
             128   FILE EMBASE
              77   FILE ESBIOBASE
              17   FILE GENBANK
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                1   FILE IFIPAT
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               80   FILE LIFESCI
              140   FILE MEDLINE
               34   FILE PASCAL
                1   FILE PROMT
              146   FILE SCISEARCH
               29   FILE TOXLINE
              118   FILE TOXLIT
               44   FILE USPATFULL
                4   FILE WPIDS
                0*  FILE WPINDEX
L4               QUE LIVER SPECIFIC EXPRESSION
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STIC-ILL

From: Schnizer, Holly
Sent: Thursday, September 20, 2001 4:41 PM
To: STIC-ILL
Subject: ref. request for appl. no. 09/553,368

I would like to request the following two references:

1) Pinkert et al. Genes & Dev. (1987) 1: 268-276. An albumin enhancer located 10kB upstream functions along with its promoter to direct efficient, liver specific expression in transgenic mice.

2) AN 1990-12987 BIOTECHDS
TI Retro viral-mediated gene transfer to murine hepatocytes: vectors with incorporated liver-specific enhancer and promoter elements;
alpha-fetoprotein and albumin promoter and enhancer sequences; retro virus vector; gene cloning and expression in mouse hepatoma and fibroblast cell culture (conference abstract)
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LO Department of Human Biological Chemistry and Genetics, University of Texas Medical Branch, Galveston, TX 77550, USA.
SO **J.Cell.Biochem.; (1990) Suppl.14A, D432**
CODEN: JCEBD5

Thank you.

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